

ABSTRACT

The objective of the invention is to provide a RAM-incorporated driver that enables the writing of moving-image data to a RAM simultaneously with the writing of still-image data to the RAM. A RAM-incorporated X-driver IC comprises first and second bus lines for transferring still-image data and moving-image data from an MPU; a RAM for storing the still-image data and moving-image data; first column and page address control circuits for specifying column and page addresses in RAM for writing still-image data; second column and page address control circuits for specifying column and page addresses in RAM for writing moving-image data; an MPU-related control circuit for controlling each of the address control circuits, based on commands from the MPU; a display address control circuit for controlling the reading of still-image data and moving-image data stored in the RAM, as display data; and a driver-related control circuit for controlling the display address control circuit.